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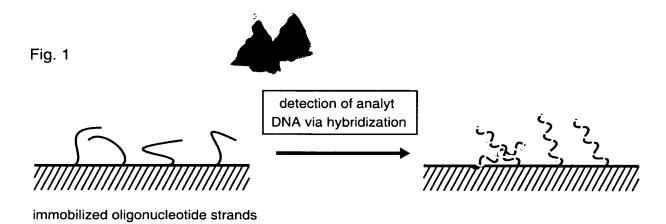
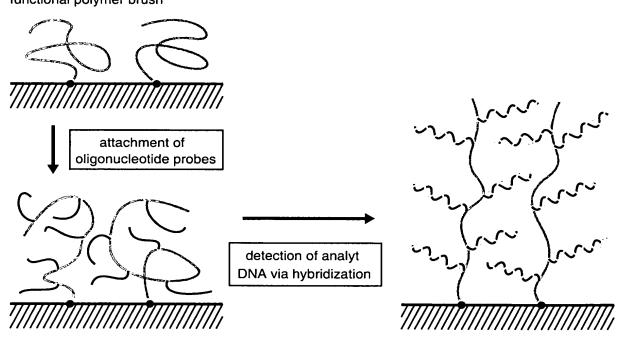


Fig. 2 functional polymer brush



polymer brush with oligonucleotide strands (actual sensor device)